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Dated: October 19, 2006

Signature: (David R. Burns)

2677 \$ Itu

Docket No.: VTW-007RCE (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Alexander Gelbman

Application No.: 10/071,732

-

Filed: February 7, 2002

Art Unit: 2677

For:

SMART ELECTRONIC LABEL

EMPLOYING ELECTRONIC INK

Examiner: D. Y. Chow

Confirmation No.: 2975

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (SIDS)

Dear Sir:

In accordance with 37 CFR 1.97, Applicants hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of the documents required under 37 CFR 1.98(a)(2) accompany this statement.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

Applicants have not submitted copies of each cited U.S. patent and U.S. patent application in accordance with 37 CFR 1.98(a)(2)(ii). Applicants submit herewith copies of foreign patents and non-patent references in accordance with 37 CFR 1.98(a)(2).

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that

Application No.: 10/071,732 Docket No.: VTW-007RCE

such document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.

Please charge our Deposit Account No. 12-0080 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. VTW-007RCE.

Dated: October 19, 2006

DRB/SRM/mch

Respectfully submitted,

David R. Burns

Registration No.: 46,590

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Attorney/Agent For Applicant



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Sul	bstitute for form 1449A/B/PT	го	·	Complete if Known		
				Application Number	10/071,732-Conf. #2975	
11	NFORMATION	N DI	SCLOSURE	Filing Date	February 7, 2002	
l s	TATEMENT B	3Y <i>A</i>	APPLICANT	First Named Inventor	Alexander GELBMAN	
l				Art Unit	2677	
_	(Use as many sh	eets as	necessary)	Examiner Name	D. Y. Chow	
Sheet	1	of	3	Attorney Docket Number	VTW-007RCE	

	U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1*	US-4,126,854	11-21-1978	Sheridon, Nicholas K.	
	A2*	US-4,143,103	03/1979	Sheridon	
	A3*	US-4,298,448	11-03-1981	Muller et al.	
	A4*	US-4,435,047	03-06-1984	Fergason	
	A5*	US-5,213,853	05-25-1993	Noonan	
	A6*	US-5,262,098	11-16-1993	Crowley et al.	
	A7*	US-5,344,594	09-06-1994	Sheridon	-
	A8*	US-5,412,192		Hoss	
	A9*	US-5,437,811	08-01-1995	Doane et al.	
	A10*	US-5,641,974	06-24-1997	den Boer et al.	
	A11*	US-5,680,185	10-21-1997	Kobayashi et al.	
	A12*	US-5,729,242	03-17-1998	Margerum, J. David et al.	
		US-5,776,803	07-07-1998	Young, Nigel D.	
	A14*	US-5,796,121	08-18-1998	Gates, Stephen McConnell	-
	A15*	US-5,825,529	10-20-1998	Crowley	
		US-5,856,858	01-05-1999	Carey et al.	
	A17*	US-5,931,764	08-03-1999	Freeman et al.	
	A18*	US-6,017,584	01-25-2000	Albert et al.	
	A19*	US-6,080,606	06-27-2000	Gleskova et al.	
	A20*	US-6,087,196	07-11-2000	Sturm et al.	
	A21*	US-6,118,426	09-12-2000	Albert et al.	
	A22*	US-6,124,851	09-26-2000	Jacobson	
		US-6,140,899	10-31-2000	Kayser et al.	
	A24*	US-6,181,299	01-30-2001	Frederick et al.	
		US-6,253,190	06-26-2001	Sutherland	
		US-6,307,751	10-23-2001	Bodony et al.	
	A27*	US-6,480,182-A1	11-12-2002	Turner et al.	

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document		T⁵
	B1	WO-99/10769-A1	03-04-1999	E-Ink Corporation		
	B2	WO-00/16189-A1	03-23-2000	Gelbman, Alexander		
	B3	WO-00/26761-A1	05-11-2000	E Ink Corporation		
	B4	WO-00/36465-A1	06-22-2000	E Ink Corporation		
	B5	WO-00/36666-A1	06-22-2000	E Ink Corporation		
	B6	WO-00/46854-A1	08-10-2000	Alien Technology Corporation		
	B7 _	WO-00/49421-A1	08-24-2000	Alien Technology Corporation		
	B8	WO-00/49658-A1	08-24-2000	Alien Technology Corporation		
	B9	WO-00/55915-A1		Alien Technology Corporation		
	B10	WO-00/55916-A1	09-21-2000	Alien Technology Corporation		
	B11	WO-00/97110-A1	11-09-2000	E Ink Corporation		
		WO-00/67327-A1	11-09-2000	E Ink Corporation		
	B13	WO-01/07961-A1	02-01-2001	E Ink Corporation		

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l				Application Number	10/071,732-Conf. #2975	
IN	NFORMATION	1 DIS	SCLOSURE	Filing Date	February 7, 2002	
S	TATEMENT E	3Y A	APPLICANT	First Named Inventor	Alexander GELBMAN	
				Art Unit	2677	
l	(Use as many she	eets as	necessary)	Examiner Name	D. Y. Chow	
Sheet	2	of	3	Attorney Docket Number	VTW-007RCE	

WO-01/08241-A1	02-01-2001	E Ink Corporation	
WO-01/08242-A1	02-01-2001	E Ink Corporation	
WO-01/17029-A1	03-08-2001	E Ink Corporation	
WO-01/17040-A1	03-08-2001	E Ink Corporation	
WO-01/17041-A1	03-08-2001	E Ink Corporation	
WO-01/33621-A2	05-10-2001	Alien Technology Corporation	
WO-01/80287-A2	10-25-2001	E Ink Corporation	
	WO-01/08241-A1 WO-01/08242-A1 WO-01/17029-A1 WO-01/17040-A1 WO-01/17041-A1 WO-01/33621-A2 WO-01/80287-A2	WO-01/08242-A1 02-01-2001 WO-01/17029-A1 03-08-2001 WO-01/17040-A1 03-08-2001 WO-01/17041-A1 03-08-2001 WO-01/33621-A2 05-10-2001	WO-01/08242-A1 02-01-2001 E Ink Corporation WO-01/17029-A1 03-08-2001 E Ink Corporation WO-01/17040-A1 03-08-2001 E Ink Corporation WO-01/17041-A1 03-08-2001 E Ink Corporation WO-01/33621-A2 05-10-2001 Alien Technology Corporation

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	Baeuerle, R. et al, "A MIM-Driven Transmissive Display with Color Filters on 2-inDiagonal Plastic Substrates," SID 99 Digest, Vol. 14 (1999)	
	C2	Chen, Y. et al, "A Conformable Electronic Ink Display using a Foil-Based a-Si TFT Array," SID 01 Digest, pp. 157-159 (2001)	
	C3	Comiskey, Barrett et al, "An electrophoretic ink for all-printed reflective electronic displays," Nature, Vol. 394:253-255 (1998)	
	C4	Forbes, C.E. et al, "A Rugged Conformable Backplane Fabricated with an a-Si:H TFT Array on a Polymide Substrate," SID 02 Digest, pp. 1-4 (2000)	
	C5	Gleskova, H. et al, "Electrophotographic Patterning of a-Si:H," Mat. Res. Soc. Symp. Proc., Vol. 377:719-724 (1995)	
	C6	Gleskova, H. et al, "Electrophotographic Patterning of Thin-Film Silicon on Glass Foil," IEEE Electron Device Letters, Vol. 16(10):418-420 (1995)	
	C7	Gleskova, H. et al, "Electrophotographic Patterning of a-Si:H," AMLCDs '95 Workshop Proceedings, pp. 16-19 (1995)	
	C8	Gleskova, H. et al, "Electrophotographically Patterned Thin-Film Silicon Transistors," <i>IEEE Electron Device Letters</i> , Vol. 17(6):264-266 (1996)	
	C9	Gleskova, H. et al, "a-Si:H TFT Fabricated by Electrophotographic Printing," <i>Display Ivianufacturing Technology Conference</i> , pp. 97-98 (1996)	
	C10	Gleskova, H. et al, "a-Si:H TFTs Patterned Using Laser-Printed Toner," Mat. Res. Soc. Symp. Proc., Vol. 424:71-76 (1997)	
	C11	Gleskova, H. et al, "a-Si:H TFTs Made on Polyimide Foil by PE-CVD at 150°C," <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 508:73-78 (1998)	
	C12	Gleskova, H. et al, "Photoresist-free fabrication process for a-Si:H thin film transistors," <i>Journal of Nokrymolids</i> , Vol. 227-230:1217-1220 (1998)	
-	C13	Gleskova, H. et al, "Rugged a-Si:H TFTs on Plastic Substrates," Mat. Res. Soc. Symp. Proc., Vol. 557:653-658 (1999)	
	C14	Gleskova, H. et al, "Amorphous Silicon Thin-Film Transistors on Compliant Polyimide Foil Substrates," IEEE Electron Device Letters, Vol. 20(9):473-475 (1999)	
	C15	Gleskova, H. et al, "Failure resistance of amorphous silicon transistors under extreme in-plane strain," <i>Applied Physics Letters</i> , Vol. 75(19):3011-3013 (1999)	
	C16	Gleskova, H. et al, "a-Si:H thin film transistors after very high strain," <i>Journal of Non-Crystalline Solids</i> , Vol. 266-269:1320-1324 (2000)	

Examiner	Date	
Signature	Considered	



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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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3

Complete if Known			
Application Number	10/071,732-Conf. #2975		
Filing Date	February 7, 2002		
First Named Inventor	Alexander GELBMAN		
Art Unit	2677		
Examiner Name	D. Y. Chow		
Attorney Docket Number	VTW-007RCE		

C17	Clockeyo H et al "o Cirll TETa an Dakimida Fail Floatical Defermance Under Machanical	_
	Gleskova, H. et al, "a-Si:H TFTs on Polyimide Foil: Electrical Performance Under Mechanical	
	Strain," The 21st International Display Research Conference in conjunction with The 8th	
C18	International Disiplay Workshops, pp. 331-335 (2001)	_
C10	Gleskova, H. et al, "Low-temperature silicon nitride for thin-film electronics on polyimide foil	
C19	substrates," Applied Surface Science, Vol. 175-176:12-16 (2001)	_
Cl9	Gleskova, H. et al, "Electrical Stability of a-Si:H TFTs Fabricated at 150°C," Mat. Res. Soc. Symp. Proc., Vol. 664 (2001)	
C20	Gleskova, H. et al, "150°C Amorphous Silicon Thin-Film Transistor Technology for Polyimide Substrates," <i>Journal of The Electrochemical Society,</i> Vol. 148(7):G370-G374 (2001)	
C21	Gleskova, Helena et al, "DC-Gate-Bias Stressing of a-Si:H TFTs Fabricated at 150°C on Polyimide Foil," <i>IEEE Transactions on Electron Devices</i> , Vol. 48(8):1667-1671 (2001)	
C22	Gleskova, Helena et al, "Electrophotographically printed insulator," <i>Materials Letters</i> , Vol. 52:150-153 (2002)	
C23	Gleskova, H. et al, "Electrical response of amorphous silicon thin-film transistors under mechanical strain," <i>Journal of Applied Physics</i> , Vol. 92(10):6224-6229 (2002)	
C24	Gleskova, H. et al, "Effects of Mechanical Strain on Amorphous Silicon Thin-Film Transistors," Mat. Res. Soc. Symp. Proc., Vol. 715:667-677 (2002)	
C25	Gleskova, H. et al, "Electron mobility in amorphous silicon thin-film transistors under compressive strain," <i>Applied Physics Letters</i> , Vol. 79(20):3347-3349 (2001)	
C26	Hsu, P.I. et al, "Amorphous Si TFTs on plastically deformed spherical domes," <i>Journal of Non-Crystalline Solids</i> , Vol. 299-302:1355-1359 (2002)	
C27	i\Zonov, Andrei et al, "Fabrication of a-Si:H TFTs at 120°C on Flexible Polyimide Substrates," Mat. Res. Soc. Symp. Proc., Vol. 558:375-381 (2000)	
C28	Shen, D.S. et al, "Patterning of a-Si:H by Laser Printing," SID 95 Digest, pp. 587-590 (1995)	_
C29	Sturm, J.C. et al, "Three-Dimensional Electronic Surfaces," <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 636 (2001)	
C30	Sturm, J.C. et al, "Enabling Technologies for Plastic Displays," SPIE	_
C31	Suo, Z. et al, "Mechanics of rollable and foldable film-on-foil electronics," <i>Applied Physics Letters</i> , Vol. 74(8):1177-1179 (1999)	
C32	Theiss, S.D. et al, "PolySilicon Thin Film Transistors Fabricated at 100°C on a Flexible Plastic Substrate," IEEE, (1998)	
C33	Thomasson, D.J.B. et al, "Tri-Kyer a-Si:H TFTs on Polymeric Substrates," pp. 126-127	
C34	Wagner, Sigurd et al, "Compliant substrates for thin-film transistor backplanes," <i>Proceedings</i> of the SPIE, Vol. 3636:32-39 (1999)	
C35	Wagner, Sigurd et al, "Low Temperature Amorphous and Nanocrystalline Silicon Technology for Flat Panel Displays," <i>International Display Research Conference</i> , pp. 402-405 (2000)	
C36	Wagner, S. et al, "Novel Processing Technology for Macroelecronics," <i>Technology and Applications of Amorphous Silicon, Springer-Verlag publisher, pp. 222-251 (2000)</i>	
C37	Wagner, Sigurd et al, "Silicon Thin-film Transistors on Flexible Foil Substrates," <i>IMID '02 Digest</i> , pp. 263-267 (2002)	
C38	Wagner, Sigurd et al, "Thin-film transistors and flexible electronics," Research Signpost, pp. 1-14 (2002)	
C39	Wagner, Sigurd et al, "Silicon for Thin-film Transistors," 2nd International Conference on Cat- CVD (Hot-Wire CVD) Process, pp. 1-6 (2002)	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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Application No. (if known): 10/071,732

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Application Number	10/071,732-Conf. #2975
Filing Date	February 7, 2002
First Named Inventor	Alexander GELBMAN
Art Unit	2677
Examiner Name	D. Y. Chow
Attorney Docket Number	VTW-007RCE

ENCLOSURES (Check all that apply)									
x Fee Transmittal Form	Drawing(s)		After Allowance Communication to TC						
Fee Attached	Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences						
Amendment/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)						
After Final	Petition to Convert to a Provisional Application		Proprietary Information						
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence		Status Letter						
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Signature David R	David RBus								
Printed name David R. Burns	David R. Burns								
Date October 19, 2006		Reg. No.	46,590						

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).			Application Number 10/071,732-Conf. #2975			1				
FEE TRANSMITTAL			Filing Date Fe		February 7, 2002					
For FY 2005				First Named In		xander GELBMAN				
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Applicar	nt claims small entity st	atus. See 37 CFR	1.27	Art Unit		2677				
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METHOD OF	PAYMENT (chec	k all that apply)								
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3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer										
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Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement 180.00										
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